

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12616	((super adj adsorbent) or sap) and (ion\$3 or exchang\$3 or modif\$ or substitut\$3)	US-PGPUB; USPAT	OR	ON	2007/01/04 12:48
L2	2443	(super adj absor\$) and (ion\$3 or exchang\$3 or modif\$ or substitut\$3)	US-PGPUB; USPAT	OR	ON	2007/01/04 12:49
L3	452	(super adj absor\$) and (ion\$3 or lithium or sodium or li or na) and (exchang\$3 or modif\$ or substitut\$3) and (hydrogel)	US-PGPUB; USPAT	OR	ON	2007/01/04 12:50
L4	449	(super adj absor\$) and (ion\$3 or lithium or sodium or li or na) and (exchang\$3 or modif\$ or substitut\$3) and (hydrogel) and (desiccant or hygrosopic or moisture or water)	US-PGPUB; USPAT	OR	ON	2007/01/04 12:50
L5	386	(super adj absor\$) and (ion\$3 or lithium or sodium or li or na) and (exchang\$3 or modif\$ or substitut\$3) and (hydrogel) and (desiccant or hygrosopic or moisture or water) and dry\$3	US-PGPUB; USPAT	OR	ON	2007/01/04 12:51
L6	224	(super adj absor\$) and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3)) and (hydrogel) and (desiccant or hygrosopic or moisture or water)	US-PGPUB; USPAT	OR	ON	2007/01/04 12:53
L7	613	(super adj absor\$) and (hydrogel) and (desiccant or hygrosopic or moisture or water)	US-PGPUB; USPAT	OR	ON	2007/01/04 13:21
L8	224	7 and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:22
L9	2006	(superabsor\$) and (hydrogel) and (desiccant or hygrosopic or moisture or water) not 7	US-PGPUB; USPAT	OR	ON	2007/01/04 13:22
L10	1	(super adj absor\$5) and (hydrogel) and (desiccant or hygrosopic or moisture or water)	USOCR	OR	ON	2007/01/04 13:21
L11	886	9 and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:22
L12	1725	(superabsor\$) and (hydrogel) and (desiccant or hygrosopic or moisture or water) and dry\$3 not 7	US-PGPUB; USPAT	OR	ON	2007/01/04 14:06
L13	785	12 and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:26

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L14	56	(superabsor\$) and (hydrogel) and (desiccant or hygroscopic) and dry\$3 not 7	US-PGPUB; USPAT	OR	ON	2007/01/04 13:26
L15	34	14 and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:27
L16	136	(superabsor\$) and (desiccant or hygroscopic) and dry\$3 not 7	US-PGPUB; USPAT	OR	ON	2007/01/04 13:26
L17	59	16 and ((ion\$3 or lithium or sodium or li or na) same (exchang\$3 or modif\$ or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:52
L18	18	(96/108-154.ccls.) and (superabsor\$ or (super adj absor\$))	US-PGPUB; USPAT	OR	ON	2007/01/04 14:00
L19	19	(62/94.ccls. or 62/271.ccls. or 252/194.ccls.) and (superabsor\$ or (super adj absor\$))	US-PGPUB; USPAT	OR	ON	2007/01/04 13:56
L20	8	(96/108-154.ccls.) and (crosslink\$3 or (cross adj link\$3)) and acrylamide and ((ion\$3 or na or sodium or lithium or li) same (modif\$ or exchang\$3 or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 14:02
L21	6	(62/94.ccls. or 62/271.ccls. or 252/194.ccls.) and (crosslink\$3 or (cross adj link\$3)) and acrylamide and ((ion\$3 or na or sodium or lithium or li) same (modif\$ or exchang\$3 or substitut\$3))	US-PGPUB; USPAT	OR	ON	2007/01/04 14:03
L22	0	(superabsor\$ or (super adj absor\$)) and (\$gel) and (desiccant or hygroscopic or humidity) and (ion near4 (modif\$ or substitut\$ or exchang\$3))	EPO; JPO; DERWENT	OR	ON	2007/01/04 14:07
L23	2	(superabsor\$ or (super adj absor\$)) and (desiccant or hygroscopic or humidity) and ((ion or salt or li\$2 or na\$2 or lithium or sodium) near4 (modif\$ or substitut\$ or exchang\$3))	EPO; JPO; DERWENT	OR	ON	2007/01/04 14:10
L24	0	(sap) and (desiccant or hygroscopic or humidity) and ((ion or salt or li\$2 or na\$2 or lithium or sodium) near4 (modif\$ or substitut\$ or exchang\$3))	EPO; JPO; DERWENT	OR	ON	2007/01/04 14:09
L25	9	(superabsor\$ or (super adj absor\$)) and (desiccant or hygroscopic or humidity) and ((ion or salt or li\$2 or na\$2 or lithium or sodium) and (modif\$ or substitut\$ or exchang\$3))	EPO; JPO; DERWENT	OR	ON	2007/01/04 14:10
S1	1	propfpolymer	US-PGPUB; USPAT	OR	OFF	2007/01/03 15:02

## EAST Search History

S2	93	humidity near3 wheel	US-PGPUB; USPAT	OR	ON	2007/01/03 15:05
S3	7	((super adj adsorbent) or sap) same desiccant	US-PGPUB; USPAT	OR	ON	2007/01/04 12:47
S4	7	("5143773") or ("6080797") or ("5292822") or ("5753345") or ("5254195") or ("6265030") or ("4911775")).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/03 16:59
S5	1	("6988374").PN.	US-PGPUB; USPAT	OR	OFF	2007/01/03 16:59
S6	5	("3935099") or ("3985616") or ("3981100") or ("4116899") or ("3997484")).PN.	US-PGPUB; USPAT	OR	OFF	2007/01/04 10:22
S7	5	S6 and (ion or li or lithium or sodium or na or exchang\$3 or substitut\$4 or modif\$)	US-PGPUB; USPAT	OR	ON	2007/01/04 11:03
S8	1	"6080797".pn. and dry\$3	US-PGPUB; USPAT	OR	ON	2007/01/04 11:03